



Patent  
51306/889:1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Mohamed Arif Salim et al.

Serial No.: 10/612,870

Filed: July 2, 2003

For: OPERATION MONITORING AND  
ENHANCED HOST COMMUNICATIONS IN  
SYSTEMS EMPLOYING ELECTRONIC  
ARTICLE SURVEILLANCE AND RFID  
TAGS

Group Art Unit: 2635

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

Mail Stop Missing Parts  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Mail Stop Missing Parts Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

January 5, 2004

Date of Deposit

PortInd2-4448726.1 0051306-00889

Sandi Lekar

Name of Person Mailing Paper

Signature of Person Mailing Paper

Additional Information Regarding Certain of the Cited Items

Item DA Brochure: Mettler Toledo 8217AS Adaptive Scale (1996)

This document refers to the Spectra-Physics Model HS1250 scanner which included an integrated wire antenna loop in the form of a U-shaped PCB for EAS deactivation. The wire loop in the HS 1250 is similar to the wire loop in the VS1000 Scanner configuration of item DB.

Item DB The VS1000 and VS1200 scanner described in this document included an integrated wire antenna loop in the form of a U-shaped PCB for EAS deactivation (see page 4-32). The EAS antenna cable (shown at page 4-32) was connected to the EAS system, the EAS system being a separate system from the scanner. Upon receiving a "good read" signal from the scanner via another cable connected to a separate port on the scanner, the EAS system would send a deactivation pulse to the antenna, via the antenna cable.

Items DC and DD The Magellan SL Scanner/Scale included a wire loop for EAS deactivation. The device is further described in the background of the present application.

Item DH This brochure refers to the Mettler Toledo 8217 AS scanner scale. The brochure includes the three photographs attached thereto; on the web page these three photographs cycle, one after the other, at the photograph position at the bottom of page 1 of the document.

Item DI This brochure for the Acousto-Link™ refers to the Sensormatic device described further in the Canipe 6,281,796 patent (Item BK) cited herewith.

Item DJ The excerpts from the product catalog show various EAS deactivators offered by Sensormatic Electronics Corporation. Particular attention is directed to the ScanMax™ IP configuration shown on page 141.

Item DK This website provides miscellaneous background information on EAS tag deactivation. Only copies of the front page(s) are provided.

**INFORMATION DISCLOSURE STATEMENT FILING PROVISION:**

☒ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

- ☒ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.
- ☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.
- ☐ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.
- ☐ The fee due under 37 CFR § 1.17(p) is submitted herewith.
- ☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.
- ☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

**STATEMENT UNDER 37 CFR § 1.97(e):**

- ☐ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
- ☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.
- ☐ Applicant sets forth below concise explanation of the relevance of each document not in the English language and/or selected documents(s) in the English language.

**PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:**

- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the above fee(s).
- ☐ Please charge PSC's Deposit Account No. **13-4953** for the above fee(s).
- ☒ The Commissioner is authorized to charge PSC's Deposit Account No. 13-4953 for any fees which may be required by the filing of this paper.<sup>1</sup>

Respectfully submitted,

Dated: January 5, 2004

By:



John A. Rafter, Jr.  
Reg. No. 31,653  
Stoel Rives LLP  
Attorney/Agent for PSC Scanning, Inc.

Customer No 33451  
STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, OR 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 51306/889:1

<sup>1</sup> The Commissioner is authorized to charge Stoel Rives LLP's Deposit Account No. 19-4455 if the above-referenced Account No. 13-4953 has insufficient funds.

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT

## APPLICANT:

Mohamed Arif Salim et al.

## FILING DATE:

July 2, 2003

## GROUP:

2635

(Us s veral sh ets if nec ssary)

## U.S. PATENT DOCUMENTS

INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	4,141,078	2/1979	Bridges, Jr. et al.	364	900	
	AB	4,575,624	3/1986	Klinkhardt	235	449	
	AC	4,652,863	3/1987	Hultman	340	551	
	AD	4,745,401	5/1988	Montean	340	572	
	AE	4,752,758	6/1988	Heltemes	335	284	
	AF	4,960,651	10/1990	Pettigrew et al.	428	607	
	AG	5,059,951	10/1991	Kaltner	340	572	
	AH	5,103,235	4/1992	Clemens	343	742	
	AI	5,142,292	8/1992	Chang	340	742	
	AJ	5,210,524	5/1993	Schwarz et al.	340	551	
	AK	5,225,807	7/1993	Zhou et al.	340	551	
	AL	5,341,125	8/1994	Plonsky et al.	340	572	
	AM	5,376,923	12/1994	Kindschy	340	572	
	AN	5,377,269	12/1994	Heptig et al.	340	25	
	AO	5,587,703	12/1996	Dumont	340	572	
	AP	5,635,906	6/1997	Joseph	340	572	
	AQ	5,837,988	11/1998	Bobba et al.	235	467	
	AR	5,841,348	11/1998	Herzer	340	551	
	AS	5,917,412	6/1999	Martin	340	572.3	
	AT	5,939,984	8/1999	Brady et al.	340	572.1	
	AU	5,955,951	9/1999	Wischerop e al.	340	572.8	
	AV	5,963,134	10/1999	Bowers et al.	340	572.1	
	AW	5,978,772	11/1999	Mold	705	16	

## EXAMINER:

## DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

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2635

(Use several sheets if necessary)



AX	5,990,794	11/1999	Alicot et al.	340	573.1	
AY	6,025,780	2/2000	Bowers et al.	340	572.3	
AZ	6,102,290	8/2000	Swartz et al.	235	462.01	
BA	6,114,961	9/2000	Denholm et al.	340	572.3	
BB	6,121,878	9/2000	Brady et al.	340	572.1	
BC	6,154,135	11/2000	Kane et al.	340	572	
BD	6,154,137	11/2000	Goff et al.	340	572.4	
BE	6,169,483	1/2001	Ghaffari et al.	340	572.3	
BF	6,206,285	3/2001	Baitz et al.	235	380	
BG	6,208,235	3/2001	Trontelj	340	10.1	
BI	6,237,852	5/2001	Svetal et al.	235	462.43	
BJ	6,252,508	6/2001	Vega et al.	340	572.1	
BK	6,281,796	8/2001	Canipe et al.	340	572.3	
BL	6,299,702	10/2001	Herzer	148	108	
BM	6,335,686	1/2002	Goff et al.	340	572.4	
BN	6,346,884	2/2002	Uozumi et al.	340	572.1	3/23/2000
BO	6,356,197	3/2002	Patterson et al.	340	572.1	4/3/2000
BP	6,497,361	12/2002	Mason	235	383	10/15/1998
BQ	6,499,656	12/2002	Marsh et al.	235	375	8/30/2000
BR	6,517,000	2/2003	McAllister et al.	235	462.01	5/3/1999
BS	6,507,279	1/2003	Loof	340	572.1	6/6/2001
BT	6,592,037	7/2003	Clancy	235	462.13	9/16/1998
BU	6,595,421	7/2003	Detwiler	235	462.14	1/31/2001
BV	2003/0075602 A1	4/2003	Wike, Jr. et al.	235	383	10/23/2001
BW	2003/0135417 A1	7/2003	Bodin	705	16	1/15/2002

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		2003/0146278 A1	8/2003	Collins, Jr. et al.	235	383	2/1/2002
	BY	2003/0146280 A1	8/2003	Acosta et al	235	454	2/1/2002
	BZ	2003/0197611 A1	10/2003	Clifford et al.	340	572.1	1/31/2003
	CA	2003/0209600 A1	11/2003	Collins, Jr. et al.	235	383	5/10/2002

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	CB	0 329 402 B1	12/1994	EP	G01R	33/20	
	CC	WO 00/67193	11/2000	PCT	G06K	7/10	
	CD	EP 1 098 276 A2	5/2001	EP	G07G	1/00	
	CE	EP 1 335 336 A2	8/2003	EP	G07G	1/00	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	DA	Brochure: Mettler Toledo 8217AS Adaptive Scale (1996)	✓
	DB	Spectra-Physics VS1000 and VS1200 Scanner Level 1 Service Manual, pages 4-31 through 4-32 (12/1994)	✓
	DC	Brochure: Magellan SL™ 360-Degree Scanner/Scale, PSC Inc. (2000)	✓
	DD	PSC Scanning, Inc. Magellan SL Scanner and Scanner/Scale Installation and Operation Manual, pgs. 1-3 through 1-6 and 2-23 through 2-26 (2001)	✓
	DE	Brochure: Sensormatic ScanMax™/SlimPad™ Electronic Article Surveillance Deactivator, Sensormatic Electronics Corporation (1999)	✓
	DF	Brochure: Sensormatic SlimPad™ Pro Ultra-Max™ Label Deactivator, Sensormatic Electronics Corporation (2002)	✓
	DG	Brochure: Sensormatic ScanMax™ HS Pro Ultra-Max® Scanner-Embedded Label Deactivator, Sensormatic Electronics Corporation (2002)	✓
	DH	Brochure: Mettler Toledo 8217AS Scanner Scale (2003) from <a href="http://www.mt.com/mt/product_detail/product.jsp?m=t&amp;key=Y3MDg4NjM1Mj">http://www.mt.com/mt/product_detail/product.jsp?m=t&amp;key=Y3MDg4NjM1Mj</a> visited 8/28/2003	✓
	DI	Installation Guide for Sensormatic Acousto-Link™ Option for Ultra-Max Deactivators, Sensormatic Electronics Corporation (2000)	✓
	DJ	Sensormatic 2001 Product Catalog, pgs. 117-119, 139-145, Sensormatic Electronics Corporation (2001)	✓

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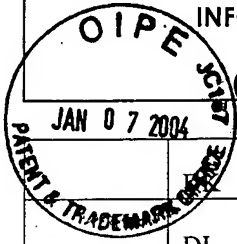
## FILING DATE:

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(Use several sheets if necessary)



		Transponder News, 8/14/2003, <a href="http://www.rapidtp.com/transponder/index.html">http://www.rapidtp.com/transponder/index.html</a> , visited 8/20/2003
	DL	Mohamed Arif Salim Application Ser. No. 10/390,542, filed March 14, 2003, entitled "Operation Monitoring of Systems Employing Electronic Article Surveillance and RFID Tags"

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